



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KAPLAN Aaron et al.

Serial No.: 09/887,038

Filed: June 25, 2001

For: ENHANCING INORGANIC CARBON
FIXATION BY PHOTOSYNTHETIC
ORGANISMS.

Examiner: KUBELIK, ANNE R., Ph.D.

Commissioner of Patents and Trademarks
Washington, D.C. 20231

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Group Art Unit: 1638

Attorney
Docket: 01/22171

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12-11-02
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RESPONSE

Sir:

This is in response to the United States Patent and Trademark Office Action mailed May 28, 2002, which response is being made on or before November 28, 2002, and for which a three months extension fee is due and is being submitted herewith. Please amend the above-identified application as follows:

In the Specification:

Please replace the paragraph beginning on page 23, line 5 with the following rewritten paragraph:

According to a preferred embodiment of the present invention, the polypeptide includes an N terminal transit peptide fused thereto which serves for directing the polypeptide to a specific membrane. Such a membrane can be, for example, the cell membrane, wherein the polypeptide will serve to transport bicarbonate from the apoplast into the cytoplasm, or, such a

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